

What is claimed is:

1. A luminous source apparatus used in an image projecting apparatus, which performs image projection by projecting light onto a recording medium in which an image is recorded, comprising:

a luminous body emitting light to be projected onto the recording medium;

means for detecting the light-quantity emitted from the luminous body; and

means for regulating the light-quantity emitted from the luminous body based on the result of detection by the means for detecting the light-quantity, so as to make the light-quantity projected onto the recording medium constant.

2. An image projecting apparatus, performing image projection by projecting light onto a recording medium in which an image is recorded, comprising:

a luminous body emitting light to be projected onto the recording medium;

means for detecting the light-quantity emitted from the luminous body; and

means for regulating the light-quantity emitted from the luminous body based on the result of detection by the means for detecting the light-quantity, so as to make the light-quantity projected onto the recording medium constant.

3. An image projecting apparatus according to claim 2 wherein the

recording medium, in which an image is recorded, is a movie film.

4. An image projecting apparatus according to claim 2 wherein the recording medium, in which an image is recorded, is a group of liquid-crystal display device.

5. An image projecting apparatus, performing image projection by projecting light onto a recording medium in which an image is recorded, comprising:

a luminous body emitting light to be projected onto the recording medium;

means for detecting the light-quantity emitted from the luminous body;

means for closing and opening the light-path from the luminous body to the recording medium; and

means for controlling the opening/closing operation of the means for opening/closing light-path based on the result of the detection by the means for detecting the light-quantity in order to make the accumulated light-quantity projected onto the recording medium constant.

6. An image projecting apparatus according to claim 5 wherein the means for controlling opening/closing light-path begins the accumulation of the light-quantity detected by the means for detecting the light-quantity at the point of making the means for opening/closing light-path in opened state, and makes the means for opening/closing light-path in closed state at the point of the accumulated light-quantity has reached to prescribed value.

7. An image projecting apparatus according to claim 5 wherein the

means for controlling opening/closing light-path accumulates the light-quantity detected by the means for detecting the light-quantity for a given period before making the means for opening/closing light-path in opened state, while obtaining the opening period of light-path of the means for opening/closing light-path based on the accumulated light-quantity, and makes the means for opening/closing light-path in opened state for the obtained opening period of light-path.

8. An image projecting apparatus according to claim 5 wherein the means for opening/closing light-path comprises a liquid-crystal shutter.

9. An image projecting apparatus according to claim 6 wherein the means for opening/closing light-path comprises a liquid-crystal shutter.

10. An image projecting apparatus according to claim 7 wherein the means for opening/closing light-path comprises a liquid-crystal shutter.

11. An image projecting apparatus according to claim 5 wherein the recording medium, in which an image is recorded, is a movie film.

12. An image projecting apparatus according to claim 6 wherein the recording medium, in which an image is recorded, is a movie film.

13. An image projecting apparatus according to claim 7 wherein the recording medium, in which an image is recorded, is a movie film.

14. An image projecting apparatus according to claim 5 wherein the recording medium, in which an image is recorded, is a group of liquid-crystal display device.

15. An image projecting apparatus according to claim 6 wherein the recording medium, in which an image is recorded, is a group of liquid-crystal

display device.

16. An image projecting apparatus according to claim 7 wherein the recording medium, in which an image is recorded, is a group of liquid-crystal display device.

17. An image projecting apparatus according to claim 5 wherein:
the recording medium, in which an image is recorded, is a movie film transported intermittently in one direction;

the means for opening/closing light-path is a liquid-crystal shutter;
and

the means for controlling opening/closing light-path controls the opening operation of the means for opening/closing light-path in synchronization with the intermittent transportation of a movie film, while controlling the closing operation of the means for opening/closing light-path based on the result of the detection by the means for detecting the light-quantity in order to make the accumulated light-quantity projected onto the recording medium constant.

18. An image projection converting apparatus, performing image projection by projecting light onto a recording medium in which an image is recorded and converting the projected image into an electronic image, comprising:

a luminous body emitting light to be projected onto the recording medium;

means for detecting the light-quantity emitted from the luminous body;

means for picking-up image projected by projecting-light from the luminous body; and

means for regulating intensity level of the image signal obtained through the means for picking up image, based on the result of the detection of the means for detecting the light-quantity.

19. An image projection converting apparatus according to claim 18 wherein the recording medium, in which an image is recorded, is a movie film transported intermittently in one direction, comprising:

means for closing and opening the light-path from the luminous body to the recording medium; and

means for controlling the opening/closing operation of the means for opening/closing light-path in synchronization with the intermittent transportation of the movie film.